U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

| Attorney Docket No. | 2314 |
|------------------------|---|
| First Inventor | David Harris |
| Title | Termperature Control in Optical Amplifier Systems To Reduce PMD Fluctuation |
| Express Mail Label No. | EV 335505815 US |

| (Only for ne | w nonprovisiona | al applications und | der 37 C.F.R. 1.5. | 3(b)) Expr | ess Mail Labe | el No. | EV 335505815 US | S | | | | |
|---|--|---------------------------------------|--------------------|---|--|--|-----------------|---|--|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | | | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 | | | | | | | | |
| 1. See Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 24] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix | | | | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: CD-ROM or CD-R (2 copies); or Paper Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS | | | | | | | |
| - | Background of the Brief Summary Brief Description Detailed Description Claim(s) | of the Invention n of the Drawings | (if filed) | | 9. 🗌 | | | | | | | |
| - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C.113) [Total Sheets 3] 5. Oath or Declaration [Total Sheets 2] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) | | | | | 11. | English Translation Document (if applicable) Information Disclosure | | | | | | |
| i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 | | | | | (if foreign priority is claimed) 16. ☑ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. □ Other: | | | | | | | |
| or in an App ☐ Conti Prior app For CONTINU | 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No: Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | | | | | | |
| | | | 19. CC | RRESPON | DENCE AD | DRESS | | | | | | |
| ☑ Customer Number 28004 | | | | |)4 | OR Correspondence address below | | | | | | |
| Name | | | | | | | | | | | | |
| Address | | | | | | | | | | | | |
| City | State | | | | | | Zip Code | | | | | |
| Country | | | Telephon | ne l | Fax | | | | | | | |
| Name (Print/Type) Brett L. Bornsen Regi | | | | Registration No. (Attorney/Agent) 46,566 | | | | | | | | |
| Signature | Date 9-17-03 | | | | | | | | | | | |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| NONPUBLICATION REQUEST |
|---------------------------|
| UNDER |
| 35 U.S.C. 122(b)(2)(B)(i) |

| First Named Inventor | | David Harris | | | | | |
|----------------------|---|--------------|--|--|--|--|--|
| Title | Temperature Control in Optical Amplifier Systems To F PMD Fluctuation | | | | | | |
| Attv D | ocket Number | 2314 | | | | | |

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

9-17-03
Date
Signature

(303) 938-9999 ext. 17
Brett L. Bornsen, Reg. 46,566
Telephone number
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

9-17-03

Date

PTO/SB/17 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| 09 | TAUCO |
|------|-------|
| /17/ | • |
| 03 | 7 |

| FEE TRANSMITTAL | Complete if Known | | | | | |
|---|----------------------|--------------|--|--|--|--|
| | Application Number | applied for | | | | |
| for FY 2003 | Filing Date | herewith | | | | |
| Effective 01/01/2003. Patent fees are subject to annual revision. | First Named Inventor | David Harris | | | | |
| | Examiner Name | unknown | | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | Art Unit | Linknown | | | | |

| TOTAL AMOUNT OF PAYMENT (C) 750 | | | Art Unit | | | unknown | | | |
|--|---|---|-----------------------------|-------------|--------------------------|--|---|----------|--|
| TOTAL AMOUNT OF PAYMENT (\$) 750 | Atto | Attorney Docket No. | | | 2314 | | | | |
| METHOD OF PAYMENT (check all that app | FEE CALCIN ATION (** | | | | | | | | |
| | 3. A | FEE CALCULATION (continued) 3. ADDITIONAL FEES | | | | | | | |
| ☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order ☐ Deposit Account: | | | Large Entity Small Entity | | | | | | |
| Deposit | | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee | e Description | Fee Paid | |
| Account 21-0765 Number | | 1051 | 130 | 2051 | 65 | Surcharge - | late filing fee or oath | | |
| Deposit | | 1052 | 50 | 2052 | 25 | | late provisional filing fee | | |
| Account Sprint Communications Company, L. P. | | 1053 | 130 | 1053 | 130 | Non-English | specification | | |
| Name | | 1812 | 2,520 | 1812 | 2,520 | | equest for reexamination | | |
| The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overparts. | /ments | 1804 | 920* | 1804 | 920* | | publication of SIR prior to | | |
| Charge fee(s) indicated below, except for the filing f | hic application | 1805 | 1,840* | 1805 | 1,8401 | Requesting p Examiner act | publication of SIR after tion | | |
| to the above-identified deposit account. | | 1251 | 110 | 2251 | 55 | Extension for | reply within first month | | |
| FEE CALCULATION 1. BASIC FILING FEE | | 1252 | 410 | 2252 | 205 | Extension for month | reply within second | | |
| | | 1253 | 930 | 2253 | 465 | Extension for | reply within third month | | |
| Fee Fee Fee Fee Description | | 1254 | 1,450 | 2254 | 725 | Extension for month | reply within fourth | | |
| 1001 | Fee Paid | 1255 | 1,970 | 2255 | 985 | Extension for | reply within fifth month | | |
| 4000 cos | 750 | 1401 | 320 | 2401 | 160 | Notice of App | | | |
| 1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee | <u> </u> | 1402 1403 | 320 280 | 2402 | 160 | Filing a brief in | n support of an appeal | | |
| 1004 750 2004 375 Reissue filing fee | | 1403 | 280 | 2403 | 140 | Request for or | • | | |
| 1005 160 2005 80 Provisional filling fee | | 1451 | 1,510 | | 1,510 | proceeding | titute a public use | | |
| SUBTOTAL (1) | | 1452 | 110 | | 5 5 | Petition to revi | ive – unavoidable | | |
| | (\$) 750 | 1453 | 1,300 | | 650 | • | ive – unintentional | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REIS | SUE | 1501 1502 | 1,300 470 | | 650 | Utility issue fe | | | |
| Extra Fee from | Fee | 1503 | 630 | | 235 | Design issue f | | | |
| Total Claims 20 -20 ** = 0 X | Paid = 0 | 1460 | 130 | | 315 130 | Plant issue fee | | | |
| Independent | | 1807 | 50 | | 50 | | Commissioner | | |
| Claims 2 -3 ** = 0 X = 0 | | | 180 | | 180 | Processing fee under 37 CFR 1.17 (q) Submission of Information Disclosure Stmt | | | |
| Dependent X | = 0 | 8021 | 40 | 8021 4 | 40 | Recording eac | h patent assignment | | |
| Large Entity Small Entity Fee F | | 1809 | 750 | | 375 | properties) | mes number of | | |
| Code (\$) Code (\$) Fee Description 1202 18 2202 9 Claims in excess of 20 |) | 1810 | 750 | | | (37 CFR § 1.12 | 1 11 | | |
| 1201 84 2201 42 Independent claims in | | | 130 | 2810 3 | 375 | For each additi- examined (37 (| onal invention to be CFR § 1.129(b)) | | |
| 1203 280 2203 140 Multiple dependent cla | | 1801 | 750 | 2801 3 | | | nued Examination (RCE) | | |
| 1204 84 2204 42 ** Reissue independer original patent | | 1802 | 900 | | 900 F | Request for expe | dited examination | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | | | | | (| of a design applic | cation | | |
| SUBTOTAL (2) (\$) 0 | | | Other fee (specify) | | | | | | |
| **or number previously paid, if greater; For Reissues, see above | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 | | | | | | | | |
| SUBMITTED BY | | | | | | | | | |
| Name (Print/Type) Brett L. Bornsen (At | | A6 500 | | 7 | Complete (if applicable) | | | | |
| Signature | | 70,500 | 46,566 | | elephone | (303) 938-9999 ext. 17 | | | |

WARNING. Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.